



Atty. Dkt. No. 065691-0345  
Appl. Ser. No. 10/727,172

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Abina, Amine  
Title: METHOD OF MODULATING  
NEUTRALIZING ANTIBODIES  
FORMATION IN MAMMALS, AND  
USES THEREOF IN GENE THERAPY  
ANIMAL TRANSGENESIS AND IN  
FUNCTIONAL INACTIVATION OF  
ENDOGENOUS PROTEIN(S)

Appl. No.: 10/727,172

Filing Date: 12-03-2003

Examiner: TBD

Art Unit: 1632

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EV 431598995 US	April 8, 2004
(Express Mail Label Number)	(Date of Deposit)
Suzanne Langley	
(Printed Name)	
	
(Signature)	

**TRANSMITTAL**

Mail Stop APPLICATION  
Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Transmitted herewith are the following documents for the above-referenced application:

[ X ] Information Disclosure Statement (3 pages).

[ X ] Form PTO-SB/08 (1 page) and 11 References.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date 4/8/04

By M. Scott McBride

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M. Scott McBride  
Attorney for Applicant  
Registration No. 52,008



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Suzanne Langley	
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(Signature)	

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.56**

Mail Stop APPLICATION  
Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicant in order to comply with Applicant's duty of disclosure pursuant to 37 CFR §1.56. Copies of those listed documents that were previously cited for U.S. application no. 09/920,902, which is the parent of the instant application, have already been made available to the Examiner. As such, Applicants have included herewith only copies of those documents not previously cited. However, should the Examiner request a copy of any listed document not provided herewith, Applicant will gladly provide the Examiner with a copy.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicant does not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

#### **TIMING OF THE DISCLOSURE**

The listed documents are being submitted in compliance with 37 CFR §1.97(b)(3), before the first Office Action on the merits.

#### **RELEVANCE OF EACH DOCUMENT**

Any document listed on the attached PTO/SB/08 was cited as being relevant during the prosecution of the corresponding parent application U.S. 09/920,902.

Applicant respectfully requests that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 06-1447. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 06-1447.

Respectfully submitted,

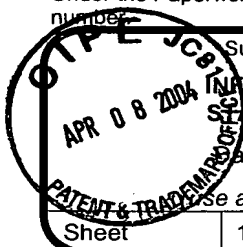
Date 4/8/04

By M. Scott McBride

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Attorney for Applicant  
Registration No. 52,008

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Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Date Submitted: April 8, 2004

Use as many sheets as necessary)

Sheet

1

of

3

**Complete if Known**

Application Number	10/727,172
Filing Date	12/03/2003
First Named Inventor	Amine ABINA
Group Art Unit	1632
Examiner Name	Unknown
Attorney Docket Number	065691-0345

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
		ABINA et al., "Thrombopoietin (TPO) Knockout Phenotype Induced by Cross-Reactive Antibodies Against TPO Following Injection of Mice with Recombinant Adenovirus Encoding Human TPO," The American Association of Immunologists, (1998), pp. 160, 4481-4489.	
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Examiner  
SignatureDate  
Considered

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				<b>Application Number</b>	
				10/727,172	
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				<b>First Named Inventor</b>	
Date Submitted: April 8, 2004				Amine ABINA	
(use as many sheets as necessary)				Group Art Unit	
				1632	
				<b>Examiner Name</b>	
				Unknown	
<b>Sheet</b>				<b>Attorney Docket Number</b>	
2 of 3				065691-0345	

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		GALLO-PENN et al., "Systemic delivery of an adenoviral vector encoding canine factor VIII results in short-term phenotypic correction, inhibitor development, and biphasic liver toxicity in hemophilia A dogs," Blood, January 1, 2001, Vol. 97, No. 1, pp. 107-113.		
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		MYERS et al., "A General Method for Saturation Mutagenesis of Cloned DNA Fragments," Science, Vol. 229, (July 19, 1985), pp. 242-247.		

Examiner Signature		Date Considered	
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		NEEDLEMAN et al., "A General Method Applicable to the Search for Similarities in the Amino Acid Sequence of Two Proteins," J. Mol. Biol., Vol. 48, (1970), pp. 443-453.		
		ORKIN et al., "Report and recommendations of the panel to assess the NIH investment in research on gene therapy," 1995, NIH.		
		PANOUTSAKOPOULOU et al., "Analysis of the Relationship between Viral Infection and Autoimmune Disease," Immunity, Vol. 15, pp. 137-147, July 2001, Cell Press.		
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		SMITH et al., "Comparison of Biosequences, Advances in Applied Mathematics," Vol. 2, (1981), pp. 482-489.		
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